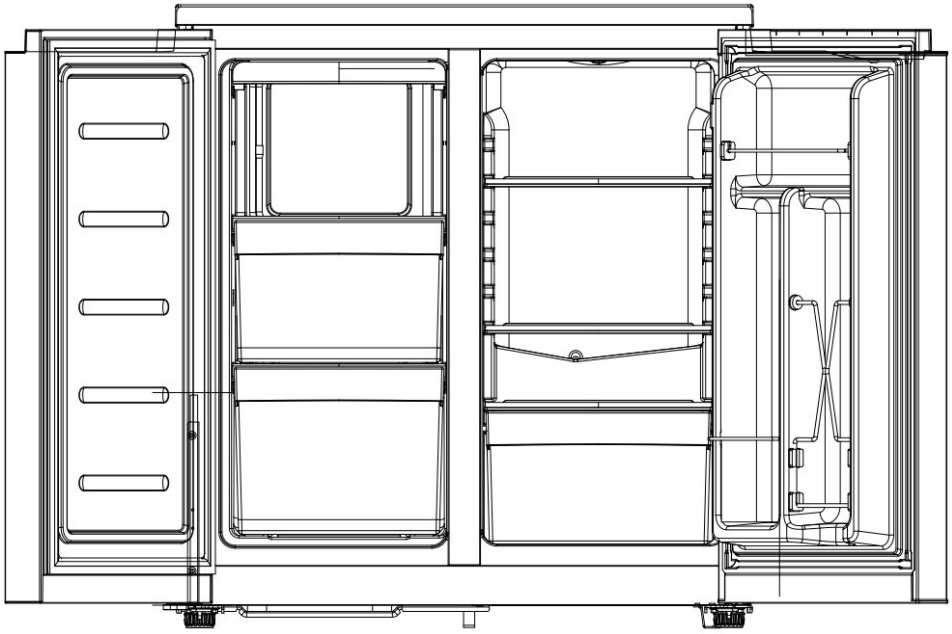
INSTRUCTION MANUAL

Model Number: **FR551**

REFRIGERATOR-FREEZER



(UNIT APPEARANCE MAY VARY FROM IMAGE)

BEFORE USE, PLEASE READ AND FOLLOW ALL SAFETY RULES AND OPERATING INSTRUCTIONS.

Igloo has a policy of continuous improvement on its products and reserves the right to change materials and specifications without notice.

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REFRIGERATOR SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual for your appliance. Always read and obey all safety messages.

This is the Safety Alert Symbol. This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the Safety Alert Symbol and either the words" DANGER", "WARNING" or "CAUTION".

⚠ DANGER ⚠

Danger means that failure to heed this safety statement may result in severe personal injury or death.

⚠ WARNING ⚠

Warning means that failure to heed this safety statement may result in extensive product damage, serious personal injury, or death.

CAUTION

Caution means that failure to heed this safety statement may result in minor or moderate personal injury, property or equipment damage.

All safety messages will alert you to know what potential hazard is, tell you how to reduce the chance of injury, and let you know what can happen if the instructions are not followed.

IMPORTANT SAFEGUIDES

Before the refrigerator is used, it must be properly positioned and installed as described in this manual, so read the manual carefully. To reduce the risk of fire, electrical shock or injury when using the refrigerator, follow basic precautions, including the following:

DANGER

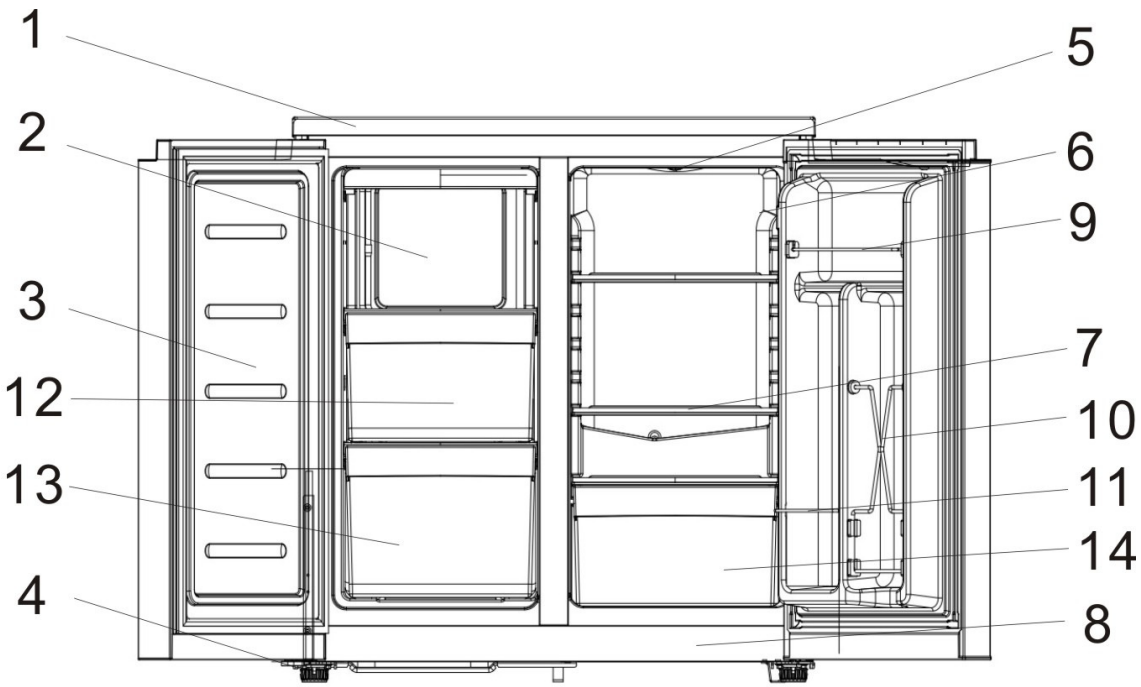
- Plug into a grounded 3-prong outlet, do not remove grounding prong, do not use an adapter, and do not use an extension cord.
- It is recommended that a separate circuit, serving only your refrigerator be provided. Use receptacles that cannot be turned off by a switch or pull chain.
- Never clean refrigerator parts with flammable fluids. These fumes can create a fire hazard or explosion. And do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.
- Before proceeding with cleaning and maintenance operations, make sure the power line of the unit is disconnected.
- Do not connect or disconnect the electric plug when your hands are wet.
- Unplug the refrigerator or disconnect power before cleaning or servicing. Failure to do so can result in electrical shock or death.
- Do not attempt to repair or replace any part of your refrigerator unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.

WARNING

FOLLOW WARNING CALL OUTS BELOW ONLY WHEN APPLICABLE TO YOUR MODEL

- Use two or more people to move and install refrigerator. Failure to do so can result in back or other injury.
- To ensure proper ventilation for your refrigerator, the front of the unit must be completely unobstructed. Choose a well-ventilated area with temperatures above 60℉ (16℃) and below 90℉ (32℃). This unit must be installed in an area protected from the element, such as wind, rain, water spray or drips.
- The refrigerator should not be located next to ovens, grills or other sources of high heat.
- The refrigerator must be installed with all electrical, water and drain connections in accordance with state and local codes. A standard electrical supply (115 V AC only, 60 Hz), properly grounded in accordance with the National Electrical Code and local codes and ordinances is required.
- Do not kink or pinch the power supply cord of refrigerator.
- The fuse (or circuit breaker) size should be 15 amperes.
- It is important for the refrigerator to be leveled in order to work properly. You may need to make several adjustments to level it.
- All installation must be in accordance with local plumbing code requirements.
- Make certain that the pipes are not pinched or kinked or damaged during installation.
- Check for leaks after connection.
- Never allow children to operate, play with or crawl inside the refrigerator.
- Although the unit has been tested at the factory, due to long-term transit and storage, the first batch of ice cubes must be discarded.
- Do not use solvent-based cleaning agents or abrasives on the interior. These cleaners may damage or discolor the interior.
- Do not use this apparatus for anything other than its intended purpose.

PARTS AND FEATURES



1	Decorative Countertop
2	Freezer Section
3	Freezer Door
4	Leveling Leg
5	Interior Light
6	Light Switch
7	Refrigerator Shelves (Total 3)
8	Cabinet
9	Door Wire shelf I
10	X Shape Cola Shelf
11	Door Wire Shelf II
12	Freezer Top Drawer
13	Freezer Bottom Drawer
14	Vegetable Crisper

IMPORTANT SAFETY INSTRUCTIONS

⚡WARNING⚡	To reduce the risk of fire, electrical shock, or injury when using your refrigerator -freezer, follow these basic precautions:

- Read all instructions before using the refrigerator-freezer.
- **DANGER or WARNING**: Risk of child entrapment.
  Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerator-freezers are still dangerous. . . even if they will "just sit in the garage a few days."
- **Before you throw away your old refrigerator-freezer:** Take off the doors. Leave the shelves in place so that children may not easily climb inside.
- Never allow children to operate, play with, or crawl inside the refrigerator-freezer.
- Never clean refrigerator-freezer parts with flammable fluids. The fumes can create a fire hazard or explosion.
- Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other refrigerator-freezer. The fumes can create a fire hazard or explosion.

-Save these instructions-

INSTALLATION INSTRUCTIONS

BEFORE USING YOUR APPLIANCE

- Remove the exterior and interior packing.
- Check to be sure you have all of the following parts:
  - 3 Glass Refrigerator Shelves
  - 2 Freezer Drawers
  - 1 Vegetable Crisper
  - 1 Instruction Manual
- Before connecting the unit to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth.

INSTALLATION OF YOUR APPLIANCE

- **Place your refrigerator-freezer on a floor that is strong enough to support the refrigerator- freezer when it is fully loaded. To level your refrigerator-freezer, adjust the leveling legs at the bottom of unit.**
- **Allow 5 inches of space between the back and sides of the unit, which allows the proper air circulation to cool the compressor and condenser.**
- Locate the unit away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the refrigerator- freezer not to perform properly.
- Avoid locating the unit in moist areas.
- Plug the unit into an exclusive properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized Igloo service center.

➢ ELECTRICAL CONNECTION

Warning

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized Igloo service center.

This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three prong wall outlets to minimize the possibility of electrical shock.

Do not under any circumstances cut or remove the third ground prong from the power cord supplied. For personal safety, this appliance must be properly grounded.

This appliance requires a standard 115/120 Volt AC ~/60Hz electrical ground outlet with three-prong. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

The cord should be secured behind the appliance and not left exposed or dangling to prevent accidental injury.

The appliance should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevent overloading house wiring circuits that could cause a fire hazard from overheated. Never unplug the appliance by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.

➢ EXTENSION CORD

Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord it is absolutely necessary that it be a UL/CUL-Listed, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 115 volts and at least 10 amperes.

➢ SURGE PROTECTOR

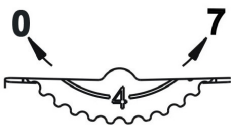
Most electrical appliances use a series of electric control boards to operate. These boards are very susceptible to power surges and could be damaged or destroyed.

If the appliance is going to be used in an area or if your city / country is prone to power surges / outages; it is suggested that you use a power surge protector for all electrical devices / appliances you use. The surge protector that you select must have a surge block high enough to protect the appliance it is connected to. If you have any questions regarding the type and size of surge protector needed contact a licensed electrician in your area.

Damages due to power surges are not considered a manufacturer covered defect and will void your product warranty.

OPERATING YOUR APPLIANCE

SETTING THE TEMPERATURE CONTROL



The temperature control is located in the refrigerator section. This control will adjust the temperature for both the refrigerator and freezer sections.

- The first time you turn the unit on, set the temperature control to "7" the coldest.
- The range of the temperature controls are from position "0" or NO COOLING to "7" the coldest. After 24 to 48 hours, adjust the temperature control to the setting that best suits your needs. The setting of "5" should be correct for home or office refrigerator use.

NOTE:

- IF THE UNIT IS UNPLUGGED, HAS LOST POWER, OR IS TURNED OFF, YOU MUST WAIT 3 TO 5 MINUTES BEFORE RESTARTING THE UNIT. IF YOU ATTEMPT TO RESTART BEFORE THIS TIME DELAY, THE REFRIGERATOR-FREEZER WILL NOT START.
- TURNING THE REFRIGERATOR TEMPERATURE CONTROL TO "0" POSITION STOPS THE COOLING CYCLE BUT DOES NOT SHUT OFF THE POWER TO THE UNIT.

INTERIOR LIGHT

When you open the door the light will be ON automatically. When you close the door the light will turn OFF automatically.

DEFROSTING YOUR APPLIANCE

- When?: For the most efficient operation and minimum energy consumption, defrost the freezer compartment when the frost on the appliance walls is excessive or ¼ inch thick.
  There is no need to defrost the refrigerator compartment, because ice depositing on the inner back wall is defrosted automatically. Ice may deposit on the inner back wall during the compressor operation; later on, when the compressor is not operating the ice will defrost and the water drops collect and drain through the outlet in the inner back wall into the drain pan situated above the compressor, from where is evaporates.

- How?:

CAUTION

Do not use boiling water because it may damage the plastic parts. In addition, never use a sharp or metallic instrument to remove frost as it may damage the cooling coils and will void the warranty. We recommend using a plastic scraper.

- Reset the thermostat to the "0" position and disconnect the power supply.
- Remove the frozen food from the appliance and place it in a cooler to protect the food.
- Leave the door open for a while so that you can easily scrap off the frost.
- Use a plastic scraper but be careful not to damage the inner surfaces of the freezer.
- Wipe up the scraped off frost and ice before it is completely defrosted.

➢ FREEZING FRESH FOODS

- Proper use of the appliance, adequately packed food, correct temperature and taking into account hygienic precautions will substantially influence the quality of freezing the food or storing of the frozen foods.
- This compartment is designed for the long-term storage of frozen food.
- The storage life of frozen foods varies and the recommended storage time should not be exceeded.
- Pre-packed commercially frozen food should be stored in accordance with the frozen foods manufacturer's instructions for a three star frozen food storage compartment or home freezer.
- Place frozen food into the freezer as quickly as possible after purchase. If there are instructions on the packet, carefully follow these instructions regarding storage times.
- Carefully select food you intend to freeze, it should be of adequate quality and suitable for freezing.
- Use correct packaging and wrap it tight.
- The packaging should be airtight and shouldn't leak since this could cause substantial vitamin loss and dehydration of foods.
- Foils and bags should be soft enough to tightly wrap around the foods.
- When preparing foods to be frozen, consider sanitary precautions.
- Mark packages with following data: kind and amount of foods and the date of loading.
- It is extremely important that the food is frozen as quickly as possible.
- If the loading amount is too large, the quality of freezing is reduced which affects the quality of frozen foods.

CARE AND MAINTENANCE

➢ CLEANING THE APPLIANCE

- Turn the temperature control to "0", unplug the unit, and remove the food and baskets.
- Wash the inside with a warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a quart of water.
- Wash the baskets with a mild detergent solution.
- The outside of the unit should be cleaned with mild detergent and warm water.

CAUTION

Failure to unplug the refrigerator-freezer could result in electrical shock or personal injury.

➢ Power Failure

Most power failures are corrected within a few hours and should not affect the temperature of your refrigerator-freezer if you minimize the number of times the door is opened. If the power is going to be off for a longer period of time, you need to take the proper steps to protect your food.

➢ Vacation Time

Short vacations: Leave the unit operating during vacations of less than three weeks.

Long vacations: If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly: blocking it open if necessary

➢ Moving Your Appliance

- Remove all the food.
- Securely tape down all loose items inside your unit.
- Turn the leveling screws up to the base to avoid damage.
- Tape the doors shut.
- Be sure the unit stays in the upright position during transportation.

➢ **Energy Saving Tips**

- The unit should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of direct sunlight.
- Let hot foods cool to room temperature before placing them in the unit. Overloading the unit forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the unit. This cuts down on frost build-up inside the freezer.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

PROBLEMS WITH YOUR APPLIANCE

You can solve many common refrigerator-freezer problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling for service.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE
Unit does not operate.	Not plugged in. The circuit breaker tripped or there is a blown fuse. The refrigerator-freezer temperature control is set at "0".
Compressor turns on and off frequently.	The room temperature is hotter than normal. A large amount of food has been added to the refrigerator - freezer. The doors are opened too often. The doors are not closed completely. The temperature control is not set correctly. The door gaskets do not seal properly. The refrigerator -freezer does not have the correct clearances.
Vibrations.	Check to assure that the refrigerator - freezer is level.
The unit seems to make too much noise.	The rattling noise may come from the flow of the refrigerant, which is normal. As each cycle ends, you may hear gurgling sounds caused by the flow of refrigerant in your refrigerator - freezer. Contraction and expansion of the inside walls may cause popping and crackling noises. The unit is not level.
The doors will not close properly.	The unit is not level. The doors are reversed and not properly installed. The gasket is dirty. The crisper is out of position.

WIRING DIAGRAM